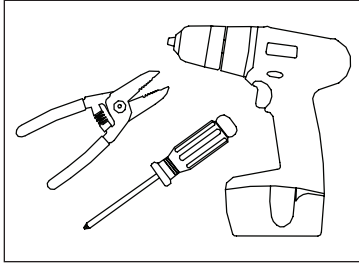
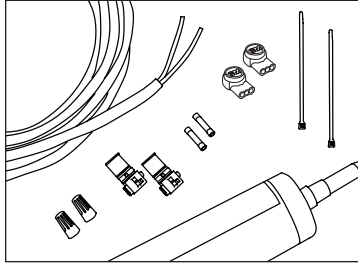


60W2 12 VDC Power Supply

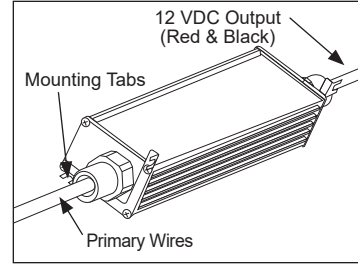
Installation Guide for PN 701507-60W2 – NEC Class 2 Output



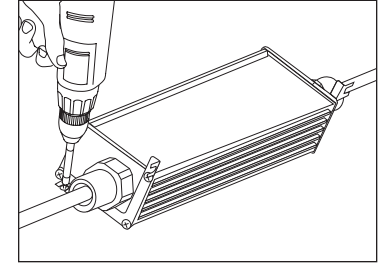
1. **Tools required:** Wire strippers, drill, and screwdriver.



2. **Supplies required:** Conduit and electrical enclosure for power supply (if not placed in a sign made from enclosure rated material), #8 or #10 pan head screws, UL Listed PLTC cable, UL Listed electrical wire connectors (e.g., wirenuts), silicone.

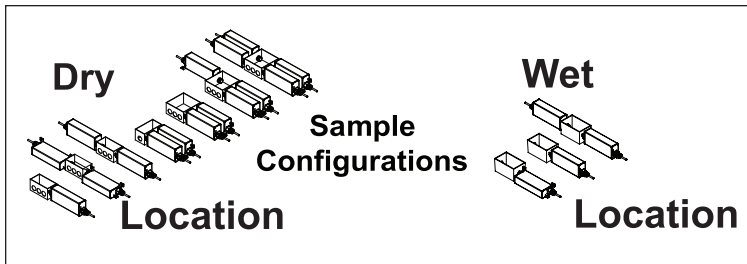


3. **Power Supply:** Identify primary wires, secondary wires, and location of mounting tabs.



4. **Mount Power Supplies:** Use mounting tab in corner to secure power supply.

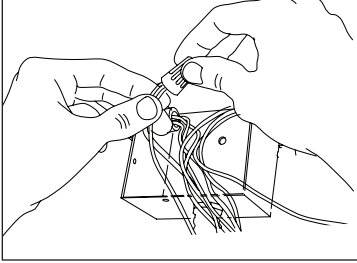
NOTE: Power supply operating temperature is -40° C to 60° C. To ensure adequate ventilation, mounting power supplies without a secondary enclosure is recommended. Space power supplies by standard knockout locations 3/4 in (19 mm) minimum. If secondary enclosure is used (transformer can), power supply spacing to other heat producing components must have 4 in (102 mm) of space on each side and 2 in (51 mm) minimum to top of enclosure. Ensure power supplies are not overloaded by verifying output current is less than 5 DC Amps. The use of photo-cells or timing device is recommended to make sure power supplies are off during day light hours, when sign illumination is not needed. Higher daytime temperatures and unnecessary operation may shorten power supply lifetime.



5. **Configure Power Supplies:** Secure power supplies to junction box using 1/2 in (13 mm) locknuts. Power supplies may be joined together in a wide array of configurations. For wet locations use a junction box that is UL Listed for wet locations. For dry locations, use any UL Listed junction box.

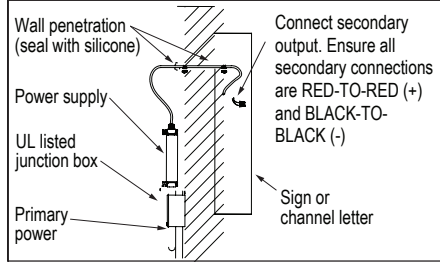
60W2 12 VDC Power Supply

Installation Guide for PN 701507-60W2 – NEC Class 2 Output



6. Connect Primary:

CAUTION: Have a licensed electrician connect primary.



7. Make secondary connections: Secondary class 2 cables do not require conduit per NEC 2008 Articles 725.121 through 725.130. Seal all wall penetrations with silicone to avoid water damage.

TROUBLESHOOTING

If sign is not functioning properly, check the following:

- Primary voltage is between 100-277 VAC
- Secondary voltage is 12 VDC
- Output current is 5 Amps or less
- Power supply is not overloaded (see power supply capacity chart in product installation guide or SloanLED.com)
- There are no shorts in secondary wiring
- All secondary connections are RED-TO-RED and BLACK-TO-BLACK

UL File number: E336107 UL8750
E215393 UL879



SloanLED products carry a limited warranty.

For complete details refer to the warranty policy found at SloanLED.com

Some or all of the products shown are covered by U.S. and foreign patents pending and covered by one of more of the following U.S. patents issued: 6776504, 6969179, 7192157, 6932495, 7241031

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